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**REMARKS**

The present response is submitted in response to the Office Action mailed May 4, 2006 and the Applicant respectfully requests that the Examiner enter the above requested amendments and following remarks upon reconsideration of the present Application and allow all of the presently pending claims.

The specification is objected to for the reasons noted in the official action, i.e., the title not being descriptive and the informality noted in paragraph [035]. The above requested specification amendments are believed to overcome all of the raised informalities concerning this case. If any further amendment to the specification is believed necessary, the Examiner is invited to contact the undersigned representative of the Applicant to discuss the same.

The Applicant thanks the Examiner for indicating that claims 32, 33 and 35 are allowed. Notwithstanding this indication, minor amendments are entered with respect to claim 35 to clarify the claimed subject matter. Such amendment is not believed to impact the indicated allowability of claim 35.

Claims 16-31 and 34 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for the reasons noted in the official action. The rejected claims are accordingly amended, by the above claim amendments, and the presently pending claims are now believed to particularly point out and distinctly claim the subject matter regarded as the invention, thereby overcoming all of the raised § 112, second paragraph, rejections. The entered claim amendments are directed solely at overcoming the raised indefiniteness rejection(s) and are not directed at distinguishing the present invention from the art of record in this case.

With respect to the amendment of claim 16, the objected to language is revised to recite "compensating for any variation in the air gap distance when the amplitude of the speed output signal is one of greater than an upper release threshold and smaller than a lower release

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threshold . . ." and such amendment is based upon paragraph [038], the last two lines, the originally filed specification. Accordingly, it is respectfully submitted that such amendments to claim 16 are not believed to enter any new subject matter into this application.

With respect to the specification changes submitted on 12/22/05, please note the paragraph [031] was amended based upon paragraphs [012] and [016] of the originally filed specification. The Applicant respectfully submits that the amended version of the paragraph [031] is not believed to enter any new subject matter.

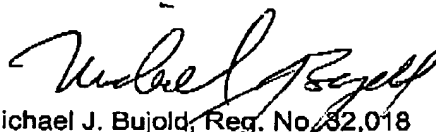
If any further amendment to this application is believed necessary to advance prosecution and place this case in allowable form, the Examiner is courteously solicited to contact the undersigned representative of the Applicant to discuss the same.

In view of the foregoing, it is respectfully submitted that the raised rejection(s) should be withdrawn and this application is now placed in a condition for allowance. Action to that end, in the form of an early Notice of Allowance, is courteously solicited by the Applicant at this time.

The Applicant respectfully requests that any outstanding objection(s) or requirement(s), as to the form of this application, be held in abeyance until allowable subject matter is indicated for this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



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